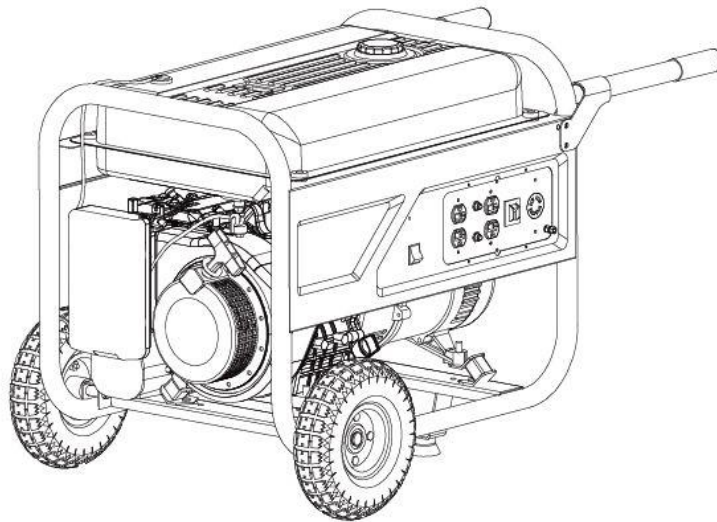


Operator Manual

Manuel de l'opérateur

MBG1200 MBG3500 MBG5500 MBG6500



IMPORTANT – Please make certain that persons who are to use this equipment thoroughly read and understand these instructions and any additional instructions provided prior to operation.

IMPORTANT - Prière de vous assurer que les personnes destinées à utiliser cet appareil ont pris soin d'en lire et d'en comprendre le mode d'emploi ou les directives avant de le mettre en marche.

Serial No/Year:

No De Sère/Année

DO NOT RETURN TO STORE!

CALL US FIRST!

CUSTOMER HOTLINE

800-000-0000

**FOR QUESTIONS OR
SERVICE INFORMATION**

NE PAS RETOURNER AU MAGASIN!

APPELEZ-NOUS D'ABORD!

ASSISTANCE TELEPHONIQUE




A LA CLIENTELE

800-000-0000

**POUR L'INFORMATION DE
QUESTIONS OU SERVICE**



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SAFETY INSTRUCTIONS



 DANGER	 WARNING	 CAUTION
DANGER indicates a potentially hazardous situation which, if not avoided, WILL result in death or serious injury.	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

WARNING

To reduce the risk of serious injury or even death, read the following safety precautions and operating instructions before operating this generator.

 DANGER
Using a generator indoors WILL KILL YOU IN MINUTES.
 <ul style="list-style-type: none"> ■ Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell. ■ NEVER use inside a home or garage, even IF doors and windows are open; only use OUTSIDE and far away from windows, doors and vents.

 DANGER
FUEL IS HIGHLY FLAMMABLE AND EXPLOSIVE
 <ul style="list-style-type: none"> ■ Always turn off the engine before adding fuel. Hot engine parts, sparks or cigarettes can ignite gasoline. Store fuel away from generator. ■ Never refuel while smoking or in the vicinity of an open flame. ■ Take care not to spill any fuel on the engine or muffler when refueling. ■ Before transporting the generator in a vehicle, drain all fuel to prevent leakage that may occur. ■ Store the generator in a well ventilated area with the fuel tank empty.

 DANGER
ELECTRICAL SHOCK
 <ul style="list-style-type: none"> ■ Never operate the generator in rain, in wet or damp locations, or with wet hands, as an electrical shock may occur causing serious injury. ■ Generator should not be operated or stored in wet or damp conditions or on highly conductive locations such as metal decking and steel work. ■ Always make sure the generator is properly grounded before operating. Failure to do so may result in serious injury.



WARNING

ENGINE AND MUFFLER MAY BE HOT



Contact with muffler area can result in serious burns.

Exhaust heat/gases can ignite combustibles, structures or damage fuel tank causing a fire.

- DO NOT touch hot parts and AVOID hot exhaust gases.
- Allow equipment to cool before touching.

U.S. Code of Federal Regulation (CFR) Title 36 Parks, Forests, and Public Property require equipment powered by an internal combustion engine to have a spark arrester, maintained in effective working order, complying to USDA Forest service standard 5100-1C or later revision. In the State of California a spark arrester is required under section 4442 of the California Public resources code. Other states may have similar laws.



WARNING



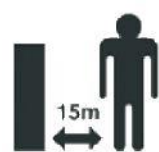
Starter and other rotating parts can entangle hands, hair, clothing, or accessories.

- Do not wear loose clothing, jewelry, or anything that may be caught in the starter or other rotating parts.
- Tie up long hair when operating the generator.



WARNING

KEEP CHILDREN AND PETS AWAY



Keep bystanders, especially children and pets, at least 50 feet (15m) from the generator. Do not let children touch the generator. When not in use, the generator should be stored in a dry, locked location, out of reach of children.



CAUTION

HEAVY LOAD



Use proper lifting techniques when transporting the generator from site to site. Improper lifting techniques may result in personal injury.



CAUTION

Improper treatment of generator can damage it and shorten its life.

To prevent surging that may possibly damage equipment, do not allow engine to run out of fuel when electrical loads are applied.

Do not stick anything through ventilating slots, even when the generator is not operating. This can damage the generator or cause personal injury.

The generator will do a better and safer job and give you much better service if it is used at the rate for which it was designed.

■ Load must be kept within rating stated on generator nameplate. Overloading will damage the unit or shorten its life.

■ Engine must not be run at excessive speeds. Operating an engine at excessive speeds increases the hazard of personal injury. Do not tamper with parts which may increase or decrease the governed speed

Do not connect the generator to another generator to use in parallel. Doing so may result in damage to the internal components.

Extension cords, power cords, and all electrical equipment must be in good condition. Never operate electrical equipment with damaged or defective cords.



CAUTION

Your generator should never be operated under these conditions.

- a. Uncontrolled change in engine speed.
- b. Electrical output loss.
- c. Overheating in connected equipment.
- d. Sparking.
- e. Damaged receptacles.
- f. Engine misfire.
- g. Excessive vibration.
- h. Flame or smoke.
- i. Enclosed compartment.
- j. Rain or inclement weather. Do not let the unit get wet when operating.

NOTICE

Engine oil is hazardous to the environment.

Be very careful when changing your oil or working with oil not to spill it onto the ground. Even if it is washed away, it will not mix with water and will pollute the watershed—having a negative effect on the plants and animals that it comes in contact with.

When disposing of engine oil:

1. While changing the engine oil, place a drip pan under the oil plug to collect the waste.
2. Soak up any spills with sawdust, kitty litter, or sand. NEVER dump down the drain or sewer.
3. Take the oil and filter to an oil recycling center.

TOTAL WATTAGE, VOLTAGE AND INSTALLATION

Total Wattage

In order to prevent overloading and possible damage to your generator it is necessary to know the total wattage of the connected load. To determine which tools and/or appliances your generator will run follow these steps:

1. Determine if you want to run one item or multiple items simultaneously.
2. Check wattage requirements for the items you will be running by referring to the load's nameplate or by calculating it (multiply amps x volts = watts).
3. Total the watts for each item. If the nameplate only gives volts and amps, multiply volts x amps = watts. 1 KW = 1,000 watts.
4. Motorized appliances or tools require more than their rated wattage for start up.

NOTE: Allow 2 1/2 to 4 times the listed wattage for starting equipment powered by electric motors.

5. The generator's rated watts should match or exceed the total number of watts required for the equipment you want to run.
6. Always connect the heaviest load to the generator first, then add other items one at a time.

Voltage



WARNING

Operating voltage and frequency requirement of all electronic equipment should be checked prior to plugging them into this generator. Damage may result if the equipment is not designed to operate within a +/- 10% voltage variation, and +/- 3 hz frequency variation from the generator name plate ratings. To avoid damage, always have an additional load plugged into the generator if solid state equipment (such as a television set) is used. A power line conditioner is recommended for some solid state applications.

A power line conditioner should be used when running one or more of the following solid state items:

Garage door openers, Kitchen appliances with digital displays, Televisions, Stereos, Personal computers, Quartz clocks, Copy machines, Telephone equipment, and other solid state equipment may require a power line conditioner.

Installation



WARNING

To avoid possible personal injury or equipment damage, a registered electrician or an authorized service representative should perform installation and all service. Under no circumstances should an unqualified person attempt to wire into a utility circuit.


To avoid backfeeding into utility systems, isolation of the residence electrical system is required.

Before temporary connection of the generator to the residence electrical system, turn off the main service/disconnect.

If your generator is to be used as a stand-by power source in case of utility power failure, it should be installed by a registered electrician and in compliance with all applicable local electrical codes.


Proper use requires that a double throw transfer switch be installed by a licensed qualified electrician so that the building's electrical circuits may be safely switched between utility power and the generator's output, thereby

preventing backfeed into the power utility's electrical system.

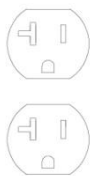

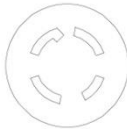
**WARNING**

To avoid backfeeding into utility systems, isolation of the residence electrical system is required. Before temporary connection of a generator to the residence electrical system turn off the main switch. Before making permanent connections a double throw transfer switch must be installed. To avoid electrocution or property damage, only a trained electrician should connect generator to residence electrical system. California law requires isolation of the residence electrical system before connecting a generator to residence electrical systems. Temporary connection not recommended due to backfeeding.

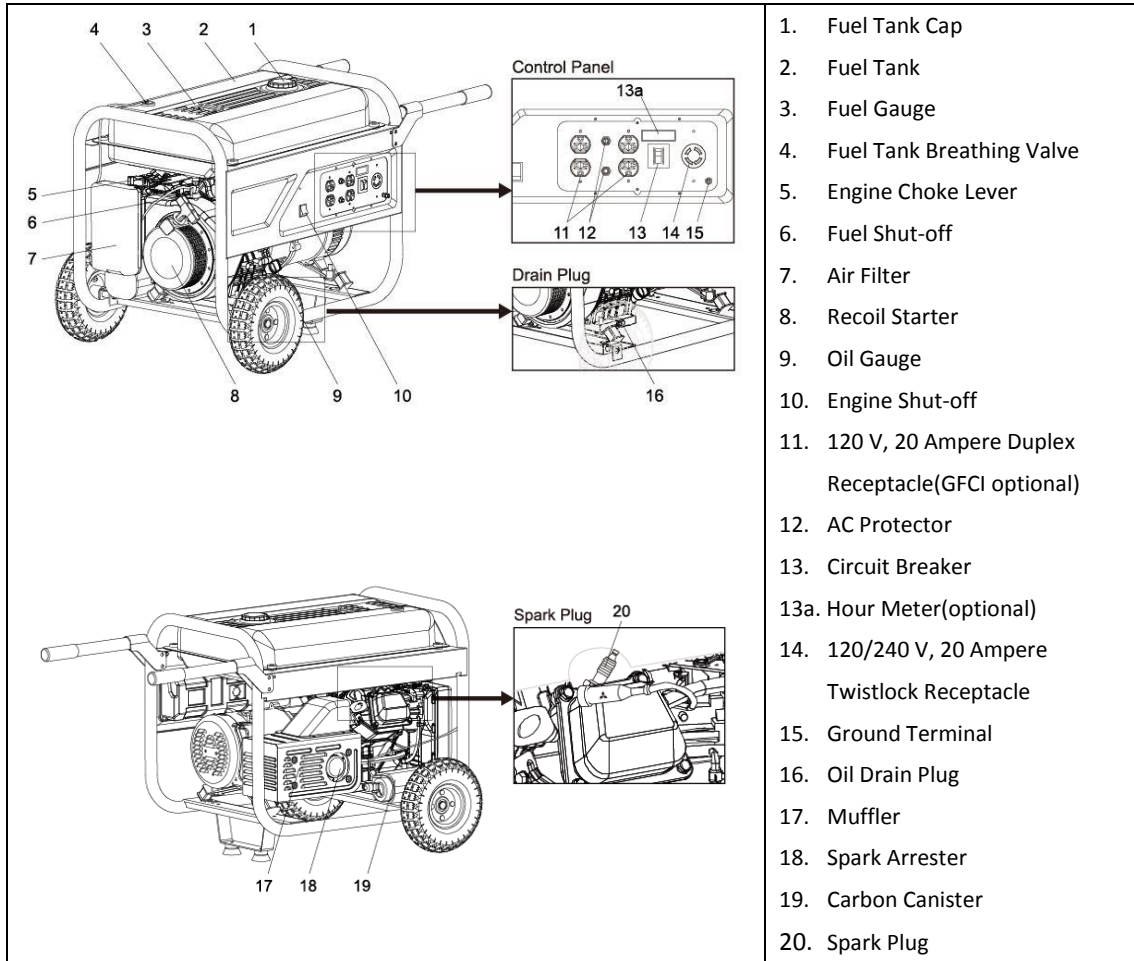
Always follow local codes and regulations that apply to the installation of any item that concerns this product.

**WARNING**

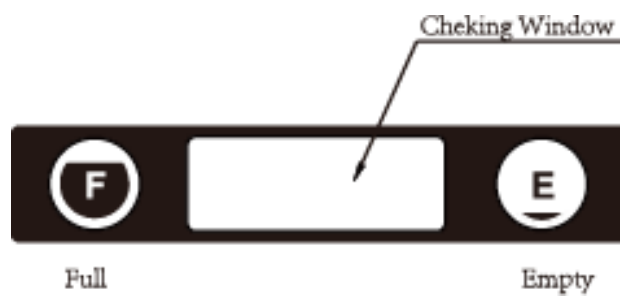
To avoid possible personal injury or equipment damage, a registered electrician or an authorized service representative should perform installation and all service. Under no circumstances should an unqualified person attempt to wire into a utility circuit.

Style	Ampere	Receptacle	AC Plug	Description
	Up to 20A	NEMA 5-20R	NEMA 5-20P	Duplex
	Up to 20A	NEMA 5-20R	NEMA 5-20P	GFCI (Ground Fault Circuit Interrupter), duplex
	Up to 30A	NEMA L14-30R	NEMA L14-30P	Twistlock

FEATURES AND CONTROLS



Fuel Gauge (3)



120 V, 20 Ampere Duplex Receptacle (11)

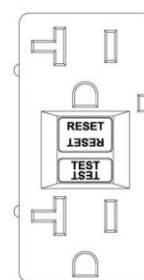
20 amps of current may be drawn from each half of the receptacle. However, total power drawn must be kept within nameplate ratings. These receptacles may be used along with the twistlock receptacle provided the generator is not overloaded.

120V, 20 Ampere GFCI Duplex Receptacle(optional)

If your generator comes with GFCI duplex receptacle, please follow below step:

After starting the engine, check the GFCI for proper functioning by the following test procedure.

- Push TEST button, The RESET button will pop out. Power is now off at the outlets protected by the GFCI, indicating that the device is functioning properly.
- If TRIP does not appear when testing, do not use the generator. Call a qualified electrician.
- To restore power, push RESET button.



WARNING

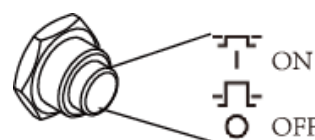
If the RESET button pops out during operation, stop the generator immediately and call a qualified electrician for checking generator and the appliances.

AC Protector and Circuit Breaker (12 and 13)

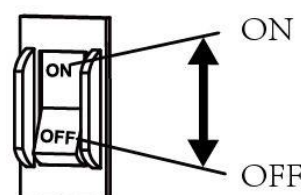
Your generator is protected by an AC protector (expect MBG3500) and circuit breaker. If the generator is overloaded or an external short circuit occurs, the AC protector or circuit breaker will trip. If this occurs, disconnect all electrical loads and try to determine the cause of the problem before attempting to use the generator again. If overloading causes the AC protector and circuit breaker to trip, reduce the load.

NOTICE

Continuous tripping of the AC protector or circuit breaker may cause damage to generator or equipment.



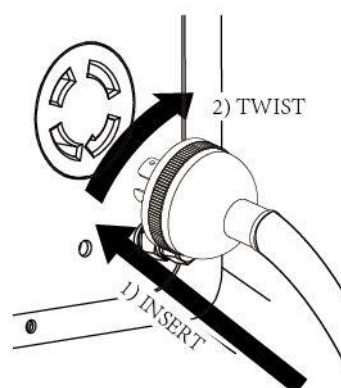
AC Protector



Circuit Breaker

120/240 V, 30 Ampere Twistlock Receptacle (14)

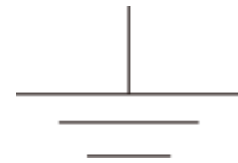
A maximum of 30 amps may be drawn from the 120/240 volt receptacle, provided it is the only receptacle used. However, current must be limited to the nameplate rating. If the 120/240 volt receptacle is used along with the 120 volt receptacle, the total load drawn must not exceed the nameplate ratings.



Ground Terminal (15)

Your generator needed to be properly connected to an appropriate earth ground to help prevent electric shock. A ground terminal connected to the frame of the generator has been provided for this purpose.

Connecting a length of heavy gauge (12 AWG min.) copper wire between the generator Ground Terminal and a copper rod driven into the ground should provide a suitable ground connection. However, consult with a local electrician to insure that local codes are being adhered to.



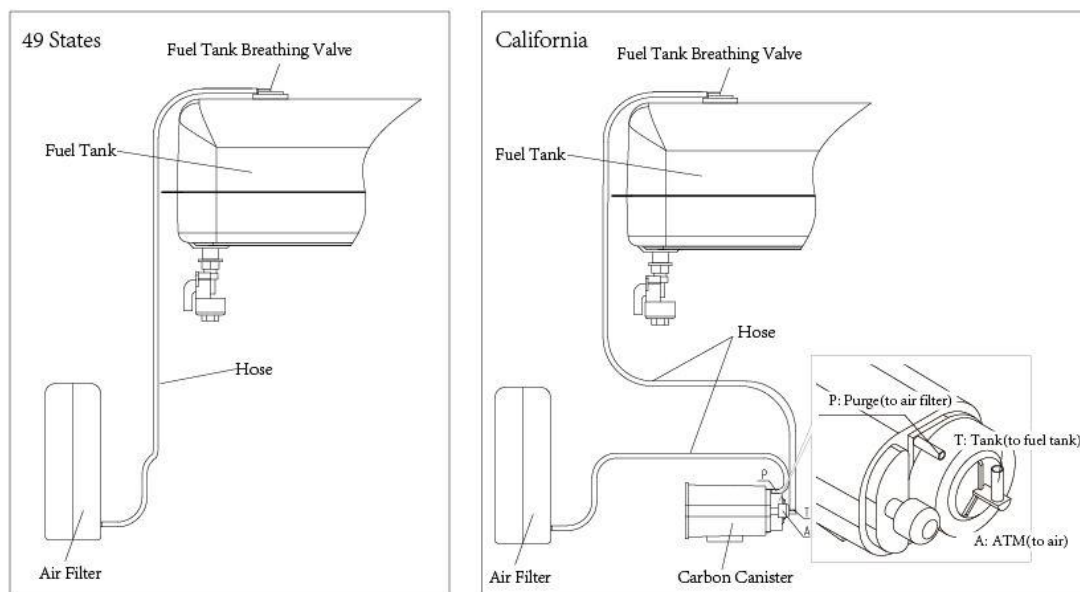
GROUND TERMINAL LOCATION:

Fuel Tank Breathing Valve (4) & Carbon Canister (19) for U.S.

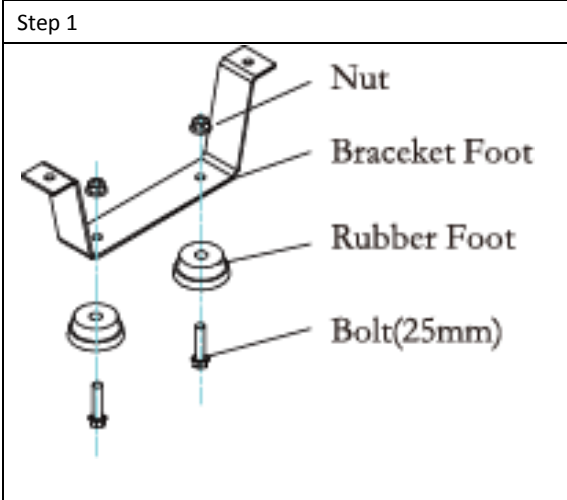
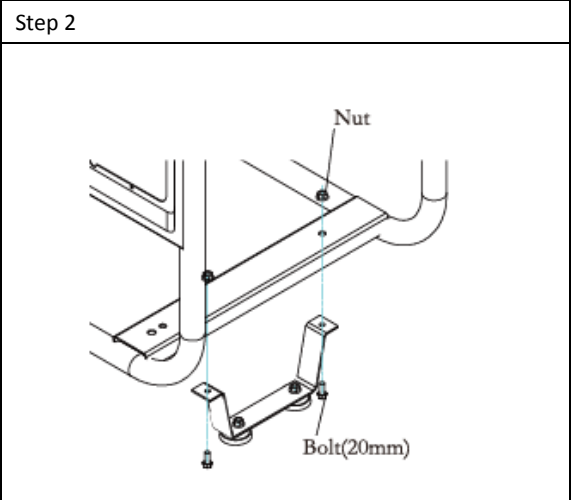
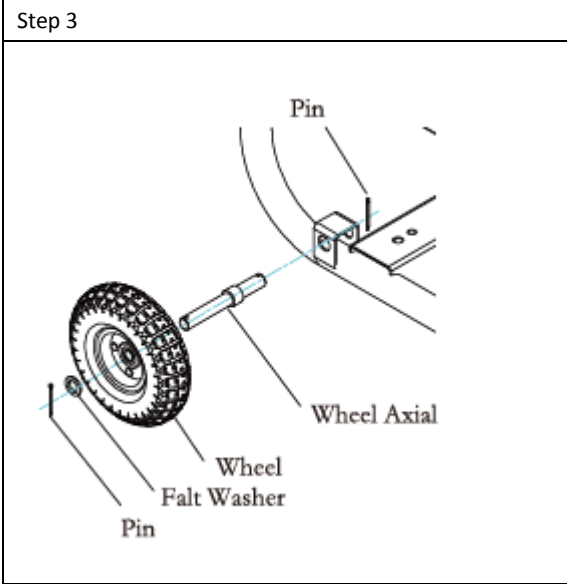
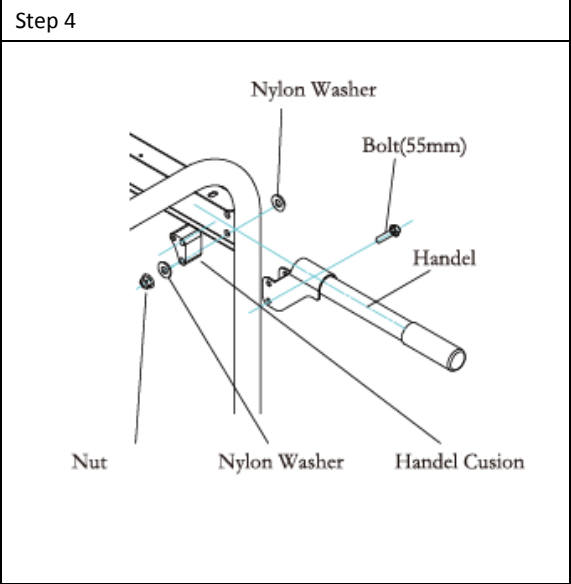
Your generator may be equipped with breathing valve and carbon canister required by Section 213 of the Clean Air Act (42 U.S.C. section 7547), 40 CFR Part 90, 40 CFR Part 1054, 40 CFR Part 1045 or 40 CFR Part 1060 and California Health and Safety Code, Section 39600, 39601 and 43013.

NOTICE

This is a system to control gasoline evaporative emission. Do not remove the hose, breathing valve and carbon canister when there is fuel in the fuel tank



PORTABILITY KIT INSTALLATION

Step 1	Step 2
 <p>Nut</p> <p>Braceket Foot</p> <p>Rubber Foot</p> <p>Bolt(25mm)</p>	 <p>Nut</p> <p>Bolt(20mm)</p>
Step 3	Step 4
 <p>Pin</p> <p>Wheel Axial</p> <p>Wheel</p> <p>Falt Washer</p> <p>Pin</p>	 <p>Nylon Washer</p> <p>Bolt(55mm)</p> <p>Handel</p> <p>Nut</p> <p>Nylon Washer</p> <p>Handel Cusion</p>

BEFORE OPERATION

Check Engine Oil



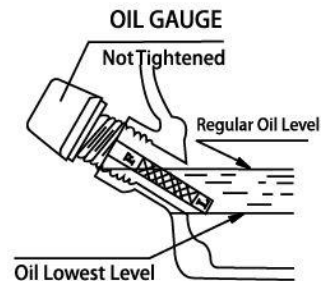
WARNING

DO NOT attempt to start this engine without filling the crank case with the proper amount and type of oil. Your generator has been shipped from the factory without oil in the crankcase. Operating the unit without oil can damage the engine.

Use class SE oil or a higher grade according to the table below. SAE 10W-30 or 10W-40 is recommended for general, all temperature use.

Single Grade Oil	10W							
	20W							
	20#							
	30#							
	40#							
Multiple Grade Oil	10W-40							
	10W-30							
	5W-20							
Temperature °C	-30	-20	-10	0	10	20	30	40

- Inspect the oil level by using the oil gauge before starting the engine each time;
- Top up the oil level to the maximum level mark and/or until oil flows from the opening.
- Ensure both Oil Gauges are secure.



LOW OIL SENSOR

The unit is equipped with a low oil sensor. If the oil level becomes lower than required, the sensor will activate a warning device or stop the engine.

If generator shuts off and the oil level is within specifications, check to see if generator is sitting at an angle that forces oil to shift. Place on an even surface to correct this.

If engine fails to start, the oil level may not be sufficient to deactivate low oil level switch. Make sure the sump is completely full of oil.

Check Engine Fuel



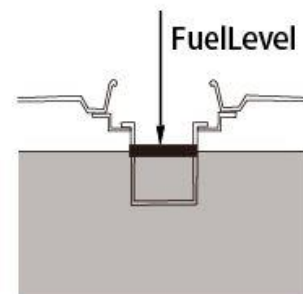
WARNING

DO NOT refuel while smoking or near open flame or other such potential fire hazards. Otherwise fire accident may occur.

- Do not refill tank while engine is running or hot.
- Close fuel cock before refueling with fuel.
- Be careful not to admit dust, dirt, water or other foreign objects into fuel.
- Wipe off spilt fuel thoroughly before starting engine.
- Keep open flames away.

Fill the tank with clean, fresh unleaded automotive gasoline

- Check fuel level.
- If fuel level is low, refill with unleaded automotive gasoline.
- Be sure to use the fuel filter screen on the fuel filter neck.



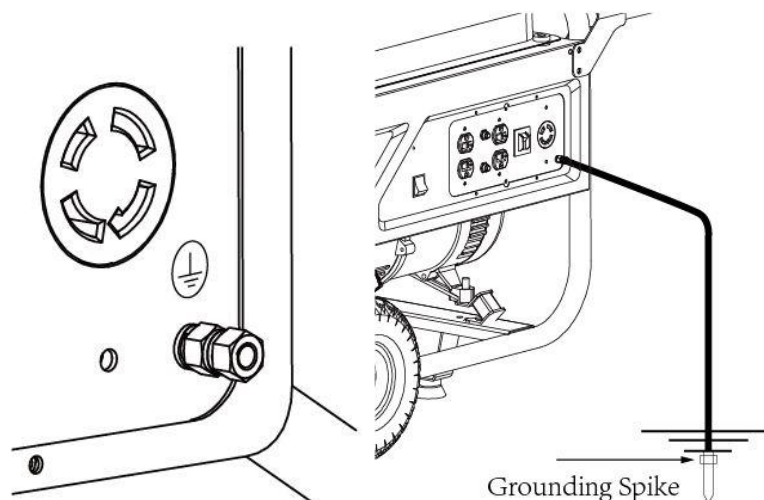
Check Air Filter If It Is Clean

If not, please refer to "HOW-TO" MAINTENANCE.

Check Loose and Missing Parts

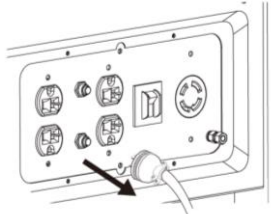
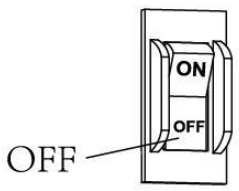
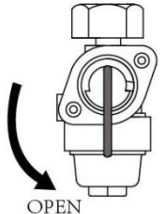
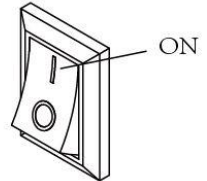
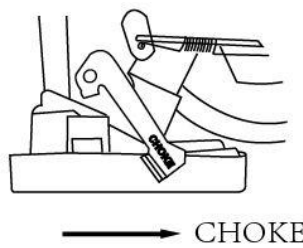
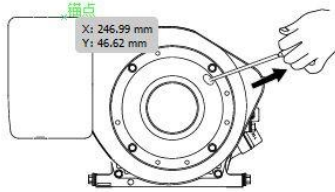


Before starting the generator, check for loose or missing parts and for any damage which may have occurred during shipment.

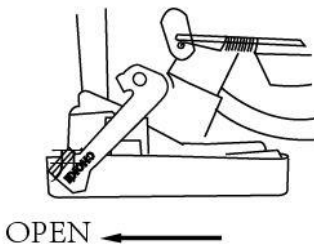
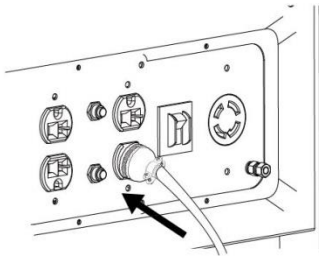


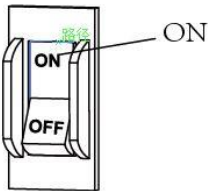
Check the generator if it is correctly ground



OPERATING THE GENERATOR

Start the Generator

<p>1. Disconnect all electrical loads from the generator</p> 	<p>2. Set the circuit breaker to the "OFF" position.</p> 
<p>3. Open the fuel shut off valve</p> 	<p>4. Set the engine stop switch to the "ON" position.</p> 
<p>5. Adjust choke lever</p> <p style="text-align: center;">Set the choke lever to "Choke" positon. Not necessary if the engine is warm</p> 	
<p>6. Pull the starter handle slowly until resistance is felt. This is the "compression" point. Then, return the handle to its original position and pull swiftly until engine starts.</p> 	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p> WARNING</p> <p>To avoid accidentally hurting people nearby when pulling the starter handle, Please keep bystanders, especially children and pets, away</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p> CAUTION</p> <p>Do not allow the starter handle to snap back against the engine. Return it gently to its starting position to prevent damage to the starter or the housing.</p> </div>

<p>7. As the engine warms up, readjust the choke lever to “OPEN” position</p>	
<p>8. Connect the load</p>  <p>Apply load only after generator is running. Voltage is regulated via the engine speed adjusted at the factory for correct output. Readjusting will void warranty.</p>	<div> CAUTION</div> <p>When applying a load, do not exceed the maximum wattage rating of the generator when using one or more receptacles. Also, do not exceed the amperage rating of any one receptacle.</p> <div> CAUTION</div> <p>Do not apply heavy electrical load during break-in period (the first two to three hours of operations).</p>
<p>9. Set the circuit breaker to the “ON” position.</p>	

Stop the Generator

1. Remove entire electrical load.
2. Let the engine run for two minutes without load.
3. Move the engine stop switch to the "OFF" position.
4. Do not leave the generator until it has completely stopped.
5. Close the fuel shut off valve if the engine is to be put in storage or transported.
6. If a cover is used, do not install until unit has cooled.

NOTICE

Move the engine stop switch to the "OFF" position to stop engine directly in an emergency situation.

MAINTENANCE

1. Maintenance Schedule

ITEM	REMARKS	DAILY Before Operation	INITIAL 25HR	EVERY 50HR	EVERY 100HR
Spark Plug	Check condition adjust gap and clean. Replace if necessary			•	
Engine Oil	Check oil level	•			
	Replace		•		•
Air Filter	Clean, replace if necessary			•	
Fuel Filter	Clean and adjust. Replace if necessary				•
Fuel Hose	Check fuel hose for crack or damage. Replace if necessary				•
Exhaust System	Check for leakage. Retighten or replace gasket if necessary	•			
	Check muffler screen. Clean/replace if necessary				•
Carburetor	check choke operation	•			
Cooling System	Check fan damage				•
Starting System	Check recoil starter operation				•
Fittings Fasteners	Check all fittings and fasteners correct if necessary				•



CAUTION

To prevent accidental starting, always remove the spark plug or cable from the spark plug before maintaining the generator or engine.

2. "How-To" Maintenance

Engine Oil Change

- a. Drain oil by removing the drain plug and the oil gauge while engine is warm.



WARNING



Engine oil may be hot.

- b. Reinstall the drain plug and fill the engine with oil until it reaches the upper level on the oil filler cap.

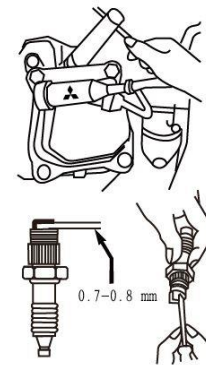
- c. Clean the oil on the panel. Dispose of used oil in local authority disposal site.



Clean Spark Plug

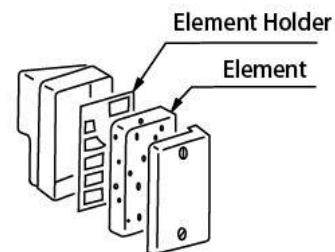
- a. If the plug is contaminated with carbon, remove it using a plug cleaner and wire brush.
b. Adjust the electrode gap to 0.7 to 0.8 mm.

Engine	GT241/400/600		GT1000/GT1300			
Manufacturer	NGK	NHSP	NGK	Denso	Champion	Bosch
Product No.	BP6RSH	E6RTC	BPR5ES	W16EPR	RN11YC	WR8DC+



Clean Air Filter

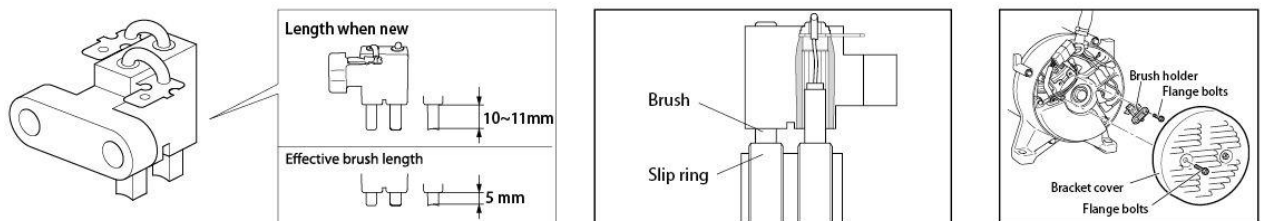
- a. Unscrew the air filter cover.
b. Remove filter element and wash well in solvent.
c. Pour a small amount of oil onto the filter element and gently squeeze out any excess oil.
d. Replace the filter element and air filter cover.
e. Be sure the filter cover seals properly all around.



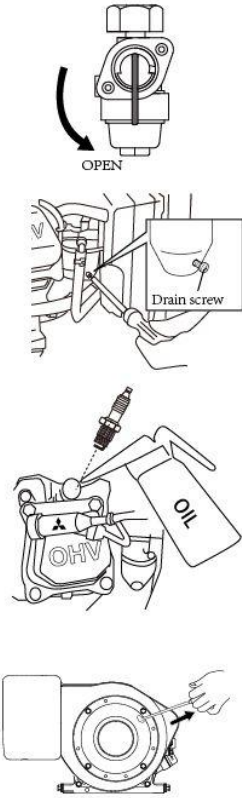
Check the Carbon Brush

The brush is the area which touches the slip ring, and its surface must be kept smooth.

- If the brush becomes excessively worn, its contact pressure with the slip ring changes and causes a roughened surface on the slip ring, resulting in irregular generator performance.
- Check the brush every 300 hours or if generator performance is irregular.
- If the brush is 0.2 in (5mm) long or less, replace it with a new one.



STORAGE

	<p>Besides drain fuel from fuel tank, the following procedures should be followed prior to storage of your petrol water pump for periods of 3 months or longer.</p> <ol style="list-style-type: none">1. Turn fuel cock to “OPEN” position.2. Loosen the drain screw on the side of the carburetor float chamber, and drain the fuel completely. <p>NOTE</p> <ol style="list-style-type: none">1) There are two screws on carburetor. The vertical one is the screw to hold the carburetor float chamber; the other one on the side of the carburetor float chamber is the drain screw.2) Tighten the drain screw very carefully to avoid damaging the fuel cup. <ol style="list-style-type: none">3. Remove the spark plug, pour 2 to 3 cc of engine oil into the cylinder, and turn the crank shaft several times.4. Replace the spark plug and pull starter handle until resistance is felt.5. Store the petrol water pump in a well ventilated, low humidity area.
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TROUBLE SHOOTING

NOTICE

If your generator experiences a low engine oil condition, the engine will automatically shut off. Please check the oil first if you cannot start the generator.

Condition	Cause			Corrective Action	
Engine won't start Low engine output Engine runs erratically	Insufficient compression	Loose spark plug		Tighten plug properly	
		Loose cylinder head bolt		Tighten bolt properly	
		Damaged gasket		Replace gasket	
	Sufficient compression	No fuel supplied to combustion chamber	1. Insufficient pulling speed for starting rope		Pull rope sharply
			2. Foreign matter in fuel tank		Clean tank
			3. Clogged fuel line		Clean fuel line
			4. No fuel in tank		Refill tank
			5. Fuel switch not open		Open valve
		Combustion chamber supplied with fuel	1. Spark plug dirty with carbon or wet with fuel		Remove carbon or wipe out spark plug
			2. Damaged spark plug		Replace spark plug
			3. Faulty Magneto		Consult dealer
			4. Improper adjustment of carburetor		
		Improper grade of fuel used			Make sure the proper grade of fuel has been used
		Overloading			Make sure you haven't plugged in too many devices. Check fan
		Overheating			
Lower oil level			Add sufficient oil as specified.		
Engine ON, yet no AC output	Tripped circuit breaker			Reset	
	Poor connection or faulty lead			Check and repair	
	Broken receptacle			Contact us	
	Faulty circuit breaker				
	Generator problem				

Low Temperature Starting

Generally, most gas powered generators have increased difficulty in starting during cold temperatures. Ease of starting improves if the generator has been stored under more temperate conditions such as in a garage or basement.



CAUTION

The generator should not be stored in such locations unless all fuel has been drained from the unit. Please see 'STORAGE' within this manual for further instruction.

When starting the generator at a temperature below freezing the following steps are recommended:

- Engine oil is to 5W-30 4-stroke formulation (low temperature oil) instead of 10W-30 oil.
- Pull the starter cord briskly 3 times, and then wait 15 seconds if the engine does not start. The delay of 15-seconds allows excessive fuel in the spark plug to vaporize. Failure to delay for 15-seconds pulling more than 3-times at one time may cause the spark plug to become flooded. If the spark plug becomes saturated with fuel, the engine will not start.
- If the engine does not start after many pulls, check the spark plug. If the spark plug is saturated with fuel and/or carbon deposits, clean or replace with a clean spark plug.

SPECIFICATION

MODEL NO.	MBG1200
SERIAL NO.	MBG12AAC
Emission Certification	EPA Phase II
Evaporation Certification	None

Alternator

Type/Voltage regulation:	Brush/AVR
Frequency:	60 Hz
Voltage:	120 V
Rated Watts:	950 W
Starting Watts:	1200 W

Engine

Brand:	MITSUBISHI
Engine Model NO.:	GT241
Type:	OHV, 4 Stroke, Air cooled
Displacement:	79.6 cc
Fuel Tank Size:	1.85 Gallon/Unleaded Gasoline
Lubricating oil:	.1 Gallon/Engine oil SD or Higher
Starting System:	Manual Start
Oil Alert:	Equipped
Fuel Gauge:	Equipped

Control Panel

120V Duplex Outlet:	Equipped (×1)
*120V GFCI Duplex Outlet	-
120V/240V Twistlock Outlet:	-
AC Protector	Equipped
Circuit Breaker:	None
*Hour Meter	Optional

Overview

Weight:	60.6 Lbs. (27.5 kilograms)
Dimensions:	18.5"L×14.9" W×15.4" H

MODEL NO.	MBG3500		
SERIAL NO.	MBG35CAA	MBG35CAB	MBG35CAC
Emission Certification	EPA Phase III	CARB	EPA Phase II
Evaporation Certification	49 states	California	None

Alternator

Type/Voltage regulation:	Brush/AVR
Frequency:	60 Hz
Voltage:	120/240 V
Rated Watts:	2800 W
Starting Watts:	3500 W

Engine

Brand:	MITSUBISHI
Engine Model NO.:	GT600
Type:	OHV, 4 Stroke, Air cooled
Displacement:	182 cc
Fuel Tank Size:	4 Gallon/Unleaded Gasoline
Lubricating oil:	.16 Gallon/Engine oil SD or Higher
Starting System:	Manual Start
Oil Alert:	Equipped
Fuel Gauge:	Equipped

Control Panel

120V Duplex Outlet:	Equipped (×2)
*120V GFCI Duplex Outlet	Optional
120V/240V Twistlock Outlet:	Equipped (×1)
AC Protector	None
Circuit Breaker:	Equipped
*Hour Meter	Optional

Overview

Weight:	99 Lbs. (45 kilograms)
Dimensions:	22.6" L×17.3" W×18.9" H

MODEL NO.	MBG5500		
SERIAL NO.	MBG55CAA	MBG55CAB	MBG55CAC
Emission Certification	EPA Phase III	CARB	EPA Phase II
Evaporation Certification	49 states	California	None

Alternator

Type/Voltage regulation:	Brush/AVR
Frequency:	60 Hz
Voltage:	120/240 V
Rated Watts:	5000 W
Starting Watts:	5500 W

Engine

Brand:	MITSUBISHI
Engine Model NO.:	GT1000
Type:	OHV, 4 Stroke, Air cooled
Displacement:	297 cc
Fuel Tank Size:	7 Gallon/Unleaded Gasoline
Lubricating oil:	.32 Gallon/Engine oil SD or Higher
Starting System:	Manual Start
Oil Alert:	Equipped
Fuel Gauge:	Equipped

Control Panel

120V Duplex Outlet:	Equipped (×2)
*120V GFCI Duplex Outlet	Optional
120V/240V Twistlock Outlet:	Equipped (×1)
AC Protector	Equipped
Circuit Breaker:	Equipped
*Hour Meter	Optional

Overview

Weight:	174 Lbs. (79 kilograms)
Dimensions:	28.5" L×20" W×22.5" H

MODEL NO.	MBG6500		
SERIAL NO.	MBG65CAA	MBG65CAB	MBG65CAC
Emission Certification	EPA Phase III	CARB	EPA Phase II
Evaporation Certification	49 states	California	None

Alternator

Type/Voltage regulation:	Brush/AVR
Frequency:	60 Hz
Voltage:	120/240 V
Rated Watts:	6000 W
Starting Watts:	7000 W

Engine

Brand:	MITSUBISHI
Engine Model NO.:	GT1300
Type:	OHV, 4 Stroke, Air cooled
Displacement:	391 cc
Fuel Tank Size:	7 Gallon/Unleaded Gasoline
Lubricating oil:	.32 Gallon/Engine oil SD or Higher
Starting System:	Manual Start
Oil Alert:	Equipped
Fuel Gauge:	Equipped

Control Panel

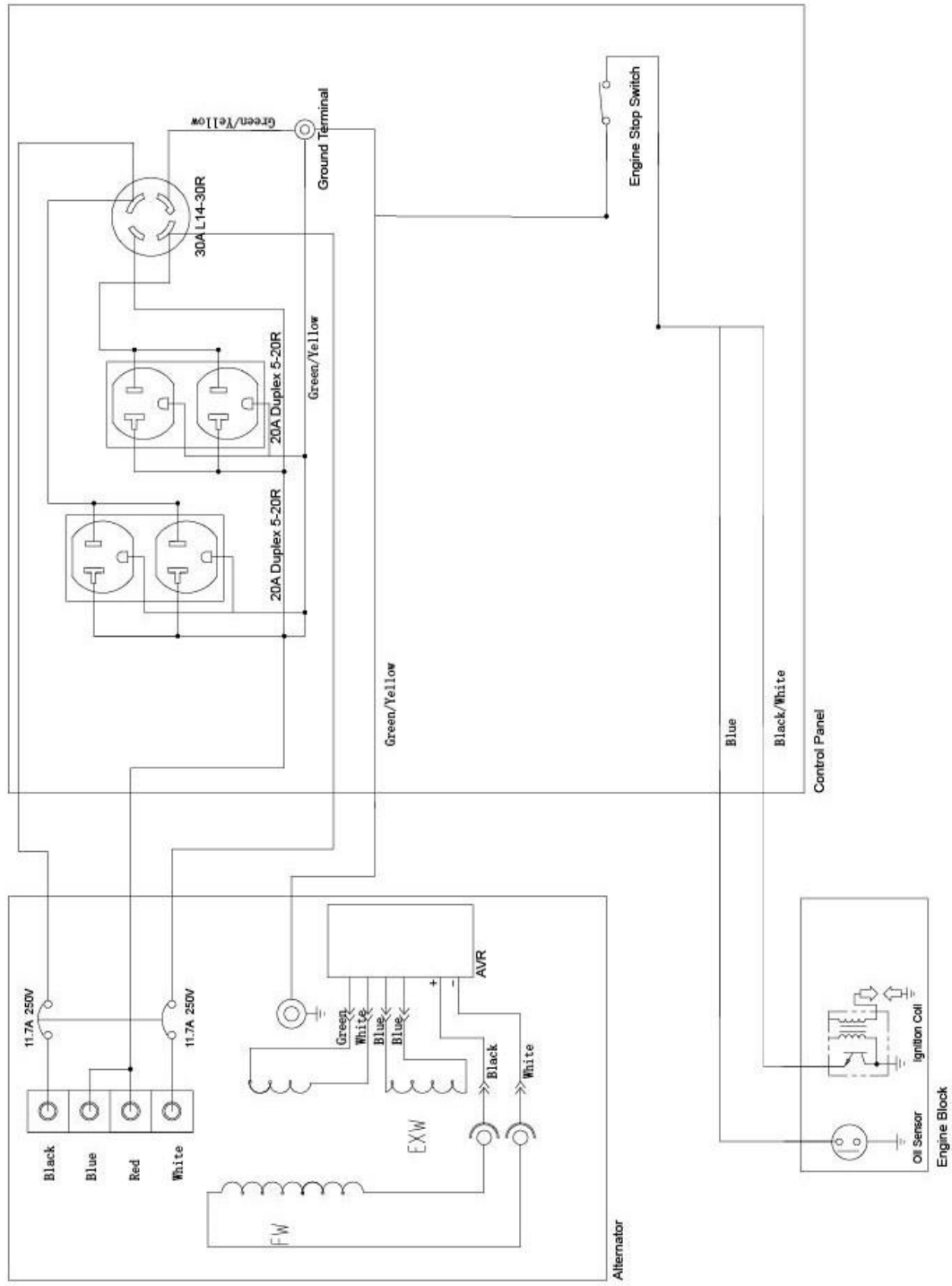
120V Duplex Outlet:	Equipped (×2)
*120V GFCI Duplex Outlet	Optional
120V/240V Twistlock Outlet:	Equipped (×1)
AC Protector	Equipped
Circuit Breaker:	Equipped
*Hour Meter	Optional

Overview

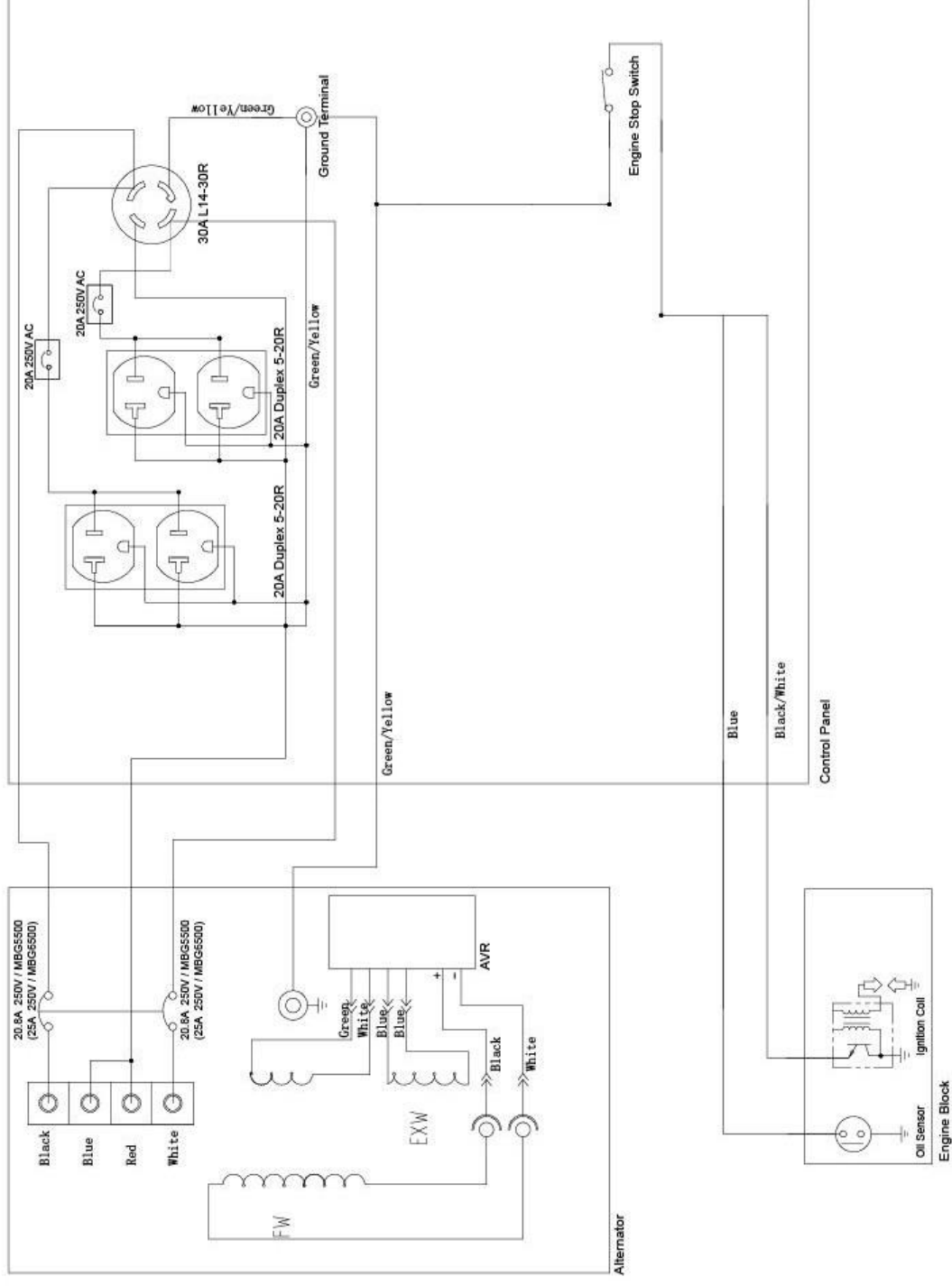
Weight:	187 Lbs. (85 kilograms)
Dimensions:	28.5" L×20" W×22.5" H

WIRING DIAGRAM

MBG3500



MBG5500/MBG6500



EXPLODED DRAWING AND PARTS LIST

LIMITED WARRANTY

This Mitsubishi engine product carries a guarantee of 24 months. If your product develops a fault within this period, DO NOT return to store, you should, in the first instance contact our customer service.

Not Covered:

- Transportation charges for sending the product to the Company or its authorized service representative for warranty service, or for shipping repaired or replacement products back to the customer; these charges must be borne by the customer.
- If a separate operator's manual and engine warranty from the engine manufacturer is included with this product, only that warranty will apply to the engine.
- Damages caused by abuse or accident, and the effects of corrosion, erosion and normal wear and tear.
- Warranty is voided if the customer fails to install, maintain and operate the product in accordance with the instructions and recommendations of the Company set forth in the owner's manual, or if the product is used as rental equipment.
- The Company will not pay for repairs or adjustments to the product, or for any costs or labor, performed without the Company's prior authorization.

Warranty Period: Two (2) years from the date of purchase on products used solely for consumer applications; if a product is used for business or commercial applications, the warranty period will be limited to one (1) year from the date of purchase. For warranty service, the customer must provide dated proof of purchase

EMISSION SYSTEM WARRANTY

The following are specific provisions relative to your Emission Control Defects Warranty Coverage. It is in addition to our engine warranty for non-regulated engines found in the Owner's Manual.

1. Warranted parts

Coverage under this warranty extends only to the parts listed below (the emission control system parts) to the extent these parts were present on the engine purchased.

a. Carburetor

b. Air Induction System

- Air Cleaner

c. Ignition System

- Spark plug(s)
- Magneto ignition system

d. Catalyst system

- Exhaust manifold, if applicable

e. Miscellaneous Items Used in Above Systems

- Hoses, connectors, and assemblies.

2. Length of coverage

We warrant to the initial owner and each subsequent purchaser that the Warranted Parts shall be free from defects in materials and workmanship which causes the failure of the Warranted parts for a period of two years from the date the engine is delivered to a retail purchaser.

3. No charge

Repair or replacement of any Warranted Part will be performed at no charge to the owner, including diagnostic labor which leads to the determination that a Warranted Part is defective, if the diagnostic work is performed at our repair network

4. Claims and coverage exclusions

Warranty claims shall be filed in accordance with the provisions of our engine warranty policy. Warranty coverage shall be excluded for failures of Warranted Parts which are not original Mitsubishi parts or because of abuse, neglect or improper maintenance as set forth in our engine warranty policy. We are not liable to cover failures of warranted parts caused by the use of add-on, non-original, or modified parts.

5. Maintenance

Any warranted part which is not scheduled for replacement as required maintenance or which is scheduled only for regular inspection to the effect of "Repair or replace as necessary" shall be warranted as to defects for the warranted period. Any warranty part which is scheduled for replacement as required maintenance shall be warranted as to defects only for the period of time up to the first scheduled replacement for that part. Any replacement part that is equivalent in performance and durability may be used in the performance of any maintenance or repairs. The owner is responsible for the performance of all required maintenance, as defined in the our owner's manual.

6. Consequential coverage

Coverage hereunder shall extend to the failure of any engine components caused by the failure of any warranted part still under warranty.

SERVICE INFORMATION

CONTACT

1-800-000-0000

to find out closest repair center,
to obtain warranty service information
or to order replacement parts or accessories.

HOW TO ORDER REPLACEMENT PARTS

To order replacement parts, please give the following us information:

1. Model No. and Serial No. and all specifications shown on the Model No./Serial No. plate.
2. Part number or numbers as shown in the Parts List section.
3. A brief description of the trouble with the generator.